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Applicant: Mark M. Wang et al.  
Serial No.: 09/845,245

Attorney: DBM  
Docket No.: 302,670-4  
(263/168)

For: Methods and Apparatus for Use of Optical Forces for Identification ...

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1743.

Patent  
Attorney Docket: 302,670-004  
(263/168)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Mark M. Wang et al.

Serial No.: 09/845,245

Filed: April 27, 2001

For: Methods and Apparatus for Use of  
Optical Forces for Identification  
Characterization and/or Sorting of Particles

Group Art Unit: 1743

Examiner: Not yet assigned

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
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Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97–1.98, information relating to the above-identified application is hereby disclosed. The accompanying Form PTO/SB/08A provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form PTO/SB/08A, initial the left-most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

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In accordance with §1.97(b), this Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits of the above-identified application, and therefore no fee is required. If a first Office Action has been mailed, then please enter this Information Disclosure Statement and charge Deposit Account No. 50-0639 for any necessary fees.

In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO/SB/08A are enclosed herewith.

This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made. Nor does this statement constitute an admission by Applicants or Applicants' agent that the information provided herein is necessarily prior art to Applicants' invention. Moreover, Applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references. Please charge any deficiency or credit any overpayment to Deposit Account No. 50-0639.

Respectfully submitted,

O'MELVENY & MYERS LLP

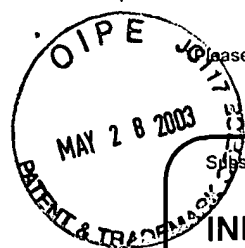
Dated: May 23, 2003

By: David B. Murphy  
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## Complete If Known

Application Number	09/845,245
Filing Date	April 27, 2001
First Named Inventor	Mark M. Wang et al
Group Art Unit	1743
Examiner Name	Not Yet Assigned
Attorney Docket Number	0302670-00004 (form. 263/168)

Sheet 1 of 2

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	Number	Kind Code <sup>2</sup> (if known)			
	US-4253846		Smythe et al	03/03/81	
	US-4386274		Altshuler	05/31/83	
	US-4756427		Göhde	07/12/88	
	US-4886360		Finlan	12/12/89	
	US-5773298		Lynggaard et al	06/30/98	
	US-5942443		Parce et al	08/24/99	
	US-5950071		Hammond et al	09/07/99	
	US-6149789		Benecke et al	11/21/00	
	US-6221654	B1	Quake et al	04/24/01	
	US-6224732	B1	Imasaka et al	05/01/01	
	US-6242209	B1	Ransom et al	06/05/01	
	US-6280960	B1	Carr	08/28/01	
	US-6280967	B1	Ransom et al	08/28/01	
	US-6287758	B1	Okun et al	09/11/01	
	US-6344325	B1	Quake et al	02/05/02	
	US-6399397	B1	Zarling et al	06/04/02	
	US-6514722	B2	Palsson et al	02/04/03	
	US- 2002/0058332	A1	Quake et al	05/16/02	
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	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	WO	01/11333	A2	Ransom et al	02/15/01		
	WO	01/40454	A1	Koller et al	06/07/01		
	WO	01/68110	A1	Koller et al	09/20/01		
	WO	02/22774	A1	Eisfeld et al	03/21/02		
	EP	0635994	B1	Imasaka et al	09/23/98		
	EP	0556748	B1	Nishimura et al	10/28/98		
	JP	4-43434	A	Yasuda et al	02/14/97		abst

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	ASHKIN et al, "Force Generation Of Organelle Transport Measured In Vivo By An Infrared Laser Trap", Nature, 348, 11/22/90, 346-348.	
	CALDWELL, "Field-Flow Fractionation", Analytical Chemistry, 60, 17, 9/1/88, 959-971.	
	DAVIES et al, "Optically Controlled Collisions Of Biological Objects", SPIE, 3260, 1/25-28/98, 15-22.	

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	DHOLAKIA et al, "Optical Tweezers: The Next Generation", Physics World, 10/02, 31-35.	
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	WEI et al, "Laser Trapping Microscopy As A Diagnostic Technique For The Study Of Cellular Response & Laser-Cell Interactions, SPIE, 2983, 02/10-11/97, 22-28.	
	ZAHN et al, "Fluorimetric Multiparameter Cell Assay At The Single Cell Level Fabricated By Optical Tweezers", FEBS Letters, 443, 1999, 337-340.	

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